

# ALFALFA HAY

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# 2002



# CALIFORNIA MARKET SUMMARY

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## Foreword

This publication summarizes alfalfa hay market information for principle producing and feeding areas of California.

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Phone: (509)765-3611**

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## **Revised hay quality guideline for nationwide Market News reporting**

Livestock and Grain Market News branch has revised the hay quality guidelines for use in the nationwide Market News reporting program. These revised guidelines establish specific objective measurements of value attributes for each quality category of Alfalfa hay. The revised guidelines include all parameters commonly used to measure hay quality and also have all parameters in proper relationship to each other.

Nationwide uniformity of price information is the goal of revising these guidelines for quality designations. It is important for hay buyers in any part of the United States to be able to read any of USDA's hay reports and know the hay prices quoted are consistent from area to area for quality. So that producers and buyers from different areas, can be talking about hay in the report and feel confident they are talking about the same quality.

Market News reporters from several states formed the task force that collected information and input from hay and forage industry representatives, that information was used to form the revised quality designations and parameters numbers associated with each of the quality designations. USDA and State Departments of Agriculture market news reporters will be using the revised guidelines in market reporting across the country. The guidelines are to go into effect in 2003 crop year.

The following are the revised national hay guidelines on Alfalfa. Guidelines are also included for Grass Hay. Reporters will be using test parameter(s) prominent in their trade area, **visual characteristics**, as well as the **intent of sale (usage)** to determine hay quality.

**Table 1: Alfalfa guidelines (for domestic livestock use and not more than 10% grass)**

<u>Quality</u>	<u>ADF</u>	<u>NDF</u>	<u>*RFV</u>	<u>**TDN-100%</u>	<u>**TDN-90%</u>	<u>CP</u>
<u>Supreme</u>	<u>&lt;27</u>	<u>&lt;34</u>	<u>≥185</u>	<u>≥62</u>	<u>≥55.9</u>	<u>≥22</u>
<u>Premium</u>	<u>27-29</u>	<u>34-36</u>	<u>170-185</u>	<u>60.5-62</u>	<u>54.5-55.9</u>	<u>20-22</u>
<u>Good</u>	<u>29-32</u>	<u>36-40</u>	<u>150-170</u>	<u>58-60</u>	<u>52.5-54.5</u>	<u>18-20</u>
<u>Fair</u>	<u>32-35</u>	<u>40-44</u>	<u>130-150</u>	<u>56-58</u>	<u>50.5-52.5</u>	<u>16-18</u>
<u>Utility</u>	<u>≥35</u>	<u>≥44</u>	<u>&lt;130</u>	<u>&lt;56</u>	<u>&lt;50.5</u>	<u>&lt;16</u>
*RFV calculated using the Wis/Minn formula. **TDN calculated using the western formula. Quantitative factors are approximate, and many factors can affect feeding value. Values based on 100 % dry matter (TDN showing both 100% & 90%). Guidelines are to be used with visual appearance and intent of sale (usage).						

**Table 2: Grass Hay guidelines**

<u>Quality</u>	<u>Crude Protein Percent</u>
<u>Premium</u>	<u>Over 13</u>
<u>Good</u>	<u>9-13</u>
<u>Fair</u>	<u>5-9</u>
<u>Utility</u>	<u>Under 5</u>

Quantitative factors are approximate, and many factors can affect feeding value. Values based on 100% dry matter. End usage may influence hay price or value more than testing results.

### **Hay Quality Designation's physical descriptions:**

**Supreme:** Very early maturity, pre bloom, soft fine stemmed, extra leafy. Factors indicative of very high nutritive content. Hay is excellent color and free of damage.

**Premium:** Early maturity, i.e., pre-bloom in legumes and pre head in grass hays, extra leafy and fine stemmed-factors indicative of a high nutritive content. Hay is green and free of damage.

**Good:** Early to average maturity, i.e., early to mid-bloom in legumes and early head in grass hays, leafy, fine to medium stemmed, free of damage other than slight discoloration.

**Fair:** Late maturity, i.e., mid to late-bloom in legumes, head-in grass hays, moderate or below leaf content, and generally coarse stemmed. Hay may show light damage.

**Utility:** Hay in very late maturity, such as mature seed pods in legumes or mature head in grass hays, coarse stemmed. This category could include hay discounted due to excessive damage and heavy weed content or mold. Defects will be identified in market reports when using this category.

For more information contact: John VanDyke, Chief, Livestock and Grain Market News Branch: 202-720-6231.

## **USDA hay quality designations for nationwide Market News reporting**

USDA Agricultural Marketing Service has adopted hay quality designations for use in the nationwide Market News reporting program. These guidelines establish specific objective measurements of value attributes for each quality category of alfalfa and grass hay.

Nationwide uniformity of price information is the goal of establishing these quality designations. Following are the national hay test guidelines on Alfalfa, Alfalfa/Mix hay, and Grass Hay. Reporters use the test measurement most prominent in their trade area, along with visual characteristics to determine hay quality.

**Table 1: Alfalfa - Alfalfa/Mix Hay testing guidelines**

Quality Designation	Relative Feed Value RFV*	Acid Detergent Fiber ADF
Supreme	Over 180	Under 27
Premium	150-180	27-30
Good	125-150	30-32
Fair	100-125	32-35
Low	Under 100	Over 35

Quantitative factors are approximate, and many factors can affect feeding value. Based on 100% dry matter. \* Calculated value based on American Forage and Grasslands Council formula

**Table 2: Grass Hay testing guidelines**

Quality Designation	Percent Crude Protein (CP)
Premium	Over 13
Good	9-13
Fair	5-9
Low	Under 5

Quantitative factors are approximate, and many factors can affect feeding value. Based on 100% dry matter. End usage may influence hay price or value more than testing results.

### **Hay Quality Designations:**

**Supreme:** Very early maturity, pre bloom, soft fine stemmed, extra leafy. Factors indicative of very high nutritive content. Hay is excellent color and free of damage.

**Premium:** Early maturity, i.e., pre-bloom in legumes and pre head in grass hays, extra leafy and fine stemmed-factors indicative of a high nutritive content. Hay is green and free of damage.

**Good:** Early to average maturity, i.e., early to mid-bloom in legumes and early head in grass hays, leafy, fine to medium stemmed, free of damage other than slight discoloration.

**Fair:** Late maturity, i.e., mid to late-bloom in legumes, head-in grass hays, moderate or below leaf content, and generally coarse stemmed. Hay may show light damage.

**Low:** Hay in very late maturity, such as mature seed pods in legumes or mature head in grass hays, coarse stemmed. This category could include hay discounted due to excessive damage and heavy weed content or mold. Defects will be identified in market reports when using this category.

**ALFALFA HAY PRICES – NET TO GROWERS**  
**Monthly Averages of Weekly Quotations, 2000-2002**  
**dollars per ton**

**ANTELOPE VALLEY – MOJAVE DESERT**

QUALITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
<b>2000</b>													
<b>Supreme</b>	---	---	---	122.77	119.16	116.32	---	---	---	---	119.71	120.00	119.33
<b>Premium</b>	---	---	---	---	94.00	---	---	---	97.22	---	---	---	94.45
<b>Good</b>	111.33	112.00	---	---	90.00	72.50	---	---	95.00	---	---	---	80.37
<b>Fair</b>	98.00	90.25	75.00	---	74.29	---	---	---	83.33	---	---	---	83.17
<b>2001</b>													
<b>Supreme</b>	---	---	---	135.00	137.61	135.00	---	---	---	150.00	150.00	---	138.50
<b>Premium</b>	---	---	112.00	123.86	---	---	---	---	---	---	---	---	115.16
<b>Good</b>	109.00	---	---	---	---	---	---	128.00	---	---	---	---	124.83
<b>Fair</b>	---	---	109.00	---	---	---	110.00	111.00	---	---	---	---	110.50
<b>Premium Retail-Light</b>	143.11	147.33	147.51	148.41	143.90	141.63	141.97	136.48	152.90	152.24	159.88	161.74	148.22
<b>Good/Prem Retail Light</b>	138.11	131.15	134.20	140.65	130.67	126.48	133.97	138.24	141.00	146.77	148.83	155.00	138.75
<b>Good Retail Light</b>	122.50	125.00	---	---	---	120.00	131.25	118.00	132.50	140.00	---	---	126.60
<b>2002</b>													
<b>Supreme</b>	150.00	---	---	142.14	140.77	---	---	---	---	---	140.46	135.00	140.98
<b>Premium</b>	---	---	---	---	137.00	---	---	---	---	---	---	120.00	135.11
<b>Forage Mix Good</b>	151.44	157.78	155.51	160.00	132.39	136.41	137.07	139.00	140.00	152.50	149.00	158.33	141.49
<b>Forage Mix Good/Premium</b>	---	---	130.00	157.78	---	---	---	160.00	---	---	---	---	151.05
<b>Premium Retail-Light</b>	161.94	158.93	160.10	160.00	153.19	144.46	141.82	136.10	149.38	146.49	153.81	158.90	153.86
<b>Good/Prem Retail Light</b>	---	140.00	139.75	146.82	138.95	136.51	132.13	132.38	127.55	137.94	144.56	139.54	134.61
<b>Good Retail Light</b>	125.00	127.50	120.00	106.15	110.00	---	93.33	---	---	97.19	125.00	130.00	109.45

**ALFALFA HAY PRICES – NET TO GROWERS**  
**Monthly Averages of Weekly Quotations, 2000-2002**  
dollars per ton

**BLYTHE – PARKER**

QUALITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
<b>2000</b>													
Supreme	100.21	102.94	106.88	105.00	102.76	---	---	---	---	---	110.00	110.87	104.94
Premium	96.05	---	103.68	99.21	96.56	92.06	---	---	98.21	100.00	104.59	97.80	96.79
Good	82.50	---	---	---	83.10	82.37	74.18	82.14	80.00	90.00	89.91	93.55	84.46
Fair	62.93	61.44	---	62.00	72.00	63.59	60.47	69.32	75.57	83.04	82.20	80.00	68.81
<b>2001</b>													
Supreme	108.75	118.57	119.71	120.60	119.14	113.03	---	---	---	---	---	---	119.27
Premium	---	---	115.98	116.66	113.32	113.02	---	---	---	---	---	---	114.16
Good	---	90.50	94.28	110.61	104.07	97.03	99.89	101.00	---	113.00	108.80	113.38	105.59
Fair	---	80.75	---	---	---	86.91	87.27	95.46	99.00	100.00	100.22	---	91.46
Premium Retail-Light	---	---	---	---	---	---	---	---	---	126.67	128.95	125.24	126.98
Good/Prem Retail Light	116.10	118.71	119.64	119.55	116.17	107.63	108.15	112.77	110.85	113.37	121.46	118.85	114.49
Good Retail Light	105.00	106.97	122.27	106.77	110.41	94.84	98.46	100.12	106.38	110.00	113.81	---	104.59
Good/Prem Stable Heavy	---	---	111.59	111.00	110.00	97.08	100.56	104.41	108.64	110.00	115.00	108.00	105.09
Good Stable Heavy	---	---	102.20	---	---	87.71	90.83	100.00	102.19	---	105.00	---	99.52
<b>2002</b>													
Supreme	---	120.00	127.01	124.75	---	---	---	---	---	---	112.00	---	125.32
Premium	116.77	113.83	---	119.57	119.76	---	93.00	---	---	101.67	111.05	95.75	115.90
Good	---	108.00	---	---	102.98	99.65	96.50	93.00	---	94.65	91.92	89.13	97.60
Fair	---	---	100.00	---	97.61	84.54	82.36	81.03	81.33	83.04	77.46	84.16	82.61
Good/Prem Retail Light	127.95	127.05	125.17	128.11	121.55	114.68	99.60	102.22	113.33	112.46	117.85	117.00	118.69
Good Retail Light	116.28	110.58	111.75	116.94	108.75	104.12	90.00	90.67	99.00	93.24	103.79	102.20	105.44
Good/Prem Stable Heavy	---	115.00	118.75	125.00	115.00	98.57	100.00	92.63	95.00	98.94	108.89	---	100.51
Good Stable Heavy	---	101.12	---	115.00	87.50	88.69	85.00	81.36	87.00	90.00	93.73	---	89.78

**ALFALFA HAY PRICES – DELIVERED BASIS**  
**Monthly Averages of Weekly Quotations, 2000-2002**  
**dollars per ton**

**CHINO VALLEY – LOS ANGELES**

QUALITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
<b>2000</b>													
Supreme	---	132.04	134.92	132.69	131.06	130.10	143.00	---	---	133.00	---	128.78	132.39
Premium	114.31	118.75	123.58	122.49	117.24	119.21	---	---	133.00	124.57	126.30	121.61	120.95
Good	90.77	---	107.05	92.98	106.49	106.72	101.08	104.81	110.14	114.15	115.56	118.82	106.88
Fair	85.00	---	105.00	---	88.70	89.59	86.71	93.50	98.44	101.24	102.23	105.44	93.56
<b>2001</b>													
Supreme	131.64	142.88	151.76	147.66	146.87	137.00	---	---	---	---	---	---	145.39
Premium	124.50	137.20	146.45	139.260	137.51	133.46	---	---	145.00	140.00	139.28	---	137.41
Good	108.57	126.73	128.00	132.31	127.33	125.85	124.34	131.81	132.00	139.95	134.07	133.68	129.39
Fair	105.40	110.27	---	109.00	117.45	116.43	116.33	123.06	126.47	126.43	126.35	120.51	118.88
Premium Retail-Light	158.30	162.19	161.53	161.03	176.25	167.60	170.00	170.05	175.36	176.96	180.97	190.00	166.99
Good/Prem Retail Light	136.39	137.62	142.40	139.13	152.50	140.82	135.68	151.91	153.00	142.65	152.16	157.25	142.17
Good Retail Light	118.00	---	137.61	---	140.00	---	120.00	147.80	---	---	---	---	134.40
Premium Stable Heavy	139.00	143.40	142.89	---	---	132.78	---	---	---	---	---	155.00	141.56
Good/Prem Stable Heavy	129.94	139.32	137.33	145.00	142.75	121.07	128.45	130.84	134.89	131.25	134.63	139.13	133.11
Good Stable Heavy	118.39	115.00	119.00	120.00	---	117.50	117.63	---	135.00	133.57	---	---	121.04
<b>2002</b>													
Supreme	---	156.78	156.17	150.92	155.50	---	---	---	---	---	---	---	154.29
Premium	137.75	147.87	149.80	146.26	138.67	140.00	135.00	133.00	---	131.83	125.20	128.59	133.96
Good	131.99	132.54	133.00	131.09	130.69	127.17	122.95	120.12	111.00	120.63	121.30	119.41	125.04
Fair	122.50	119.64	124.40	126.47	126.26	115.27	110.33	109.70	112.72	109.50	108.27	109.68	112.42
Forage Mix Good	---	---	185.00	185.00	185.00	---	---	---	---	---	160.00	160.00	175.83
Premium Retail-Light	183.33	---	187.00	184.29	191.47	185.00	163.33	167.14	164.00	158.89	166.67	152.71	172.86
Good/Prem Retail Light	168.57	162.00	166.30	171.67	160.92	160.00	141.58	142.50	155.78	145.00	144.09	138.13	153.75
Good Retail Light	141.25	115.00	---	---	147.50	140.00	121.13	122.50	---	118.00	122.50	---	131.03
Premium Stable Heavy	---	---	---	155.00	---	---	145.00	160.00	140.00	121.67	---	139.00	139.85
Good/Prem Stable Heavy	137.79	142.94	145.21	160.73	142.25	126.91	125.87	130.85	123.60	120.24	131.60	127.88	132.17
Good Stable Heavy	---	131.14	130.50	135.75	137.50	---	---	115.00	117.50	116.50	117.00	116.50	128.74



**ALFALFA HAY PRICES – DELIVERED BASIS**  
**Monthly Averages of Weekly Quotations, 2000-2002**  
**dollars per ton**

**ESCALON-MODESTO-TURLOCK**

QUALITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
<b>2000</b>													
<b>Supreme</b>	140.02	142.67	141.49	140.30	139.63	145.37	146.42	143.98	142.30	150.00	150.27	151.77	146.18
<b>Premium</b>	133.89	126.62	131.95	---	131.92	131.55	125.87	120.36	129.80	132.89	140.28	141.31	130.37
<b>Good</b>	106.64	106.89	116.88	95.56	---	104.64	113.12	112.77	106.11	114.00	117.64	122.33	110.65
<b>Fair</b>	97.00	98.11	97.70	---	96.64	84.82	81.44	84.31	86.13	91.05	100.00	110.73	85.96
<b>2001</b>													
<b>Supreme</b>	154.74	152.05	158.87	160.72	159.63	165.85	168.98	171.19	173.54	183.01	181.99	182.85	168.99
<b>Premium</b>	135.85	139.28	144.18	148.90	150.20	155.69	157.00	156.84	161.72	167.13	164.81	167.98	156.15
<b>Good</b>	129.63	125.00	127.93	134.53	127.22	140.46	135.51	140.98	151.07	157.43	140.92	145.00	142.26
<b>Fair</b>	107.88	118.47	123.11	133.18	114.16	125.84	126.94	129.19	131.17	135.74	135.00	135.17	127.40
<b>Good/Prem Retail Light</b>	---	---	---	142.00	112.33	---	---	144.40	---	---	160.00	157.86	133.25
<b>Good/Prem Stable Heavy</b>	129.25	122.00	139.56	---	---	130.00	130.00	129.36	138.89	---	144.16	146.54	133.16
<b>Good Stable Heavy</b>	95.00	---	140.00	---	---	---	---	---	130.00	---	---	---	128.08
<b>2002</b>													
<b>Supreme</b>	176.88	173.96	169.17	163.91	159.92	152.34	151.70	151.12	149.65	152.00	153.86	153.37	155.50
<b>Premium</b>	154.91	158.43	160.93	153.16	155.00	138.24	141.32	131.22	135.77	134.86	139.25	144.17	139.04
<b>Good</b>	141.72	147.98	134.90	150.00	135.80	113.60	107.04	115.49	114.22	115.66	114.33	120.00	119.18
<b>Fair</b>	128.68	129.70	123.13	123.95	103.45	101.03	90.87	94.70	98.29	96.86	108.23	110.68	100.05
<b>Oat Retail Good</b>	130.00	146.00	135.00	110.00	---	---	---	---	---	---	105.00	---	121.30
<b>Good/Prem Retail Light</b>	160.00	165.53	155.00	150.00	---	---	---	---	---	---	---	---	159.02
<b>Good/Prem Stable Heavy</b>	150.00	156.67	146.31	145.00	---	120.00	121.00	115.00	118.50	95.00	126.55	120.00	127.57
<b>Good Stable Heavy</b>	---	---	---	---	---	98.68	105.00	95.00	---	96.33	---	---	98.49

**ALFALFA HAY PRICES – NET TO GROWERS**  
**Monthly Averages of Weekly Quotations, 2000-2002**  
**dollars per ton**

**HANFORD-CORCORAN-TULARE**

QUALITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
<b>2000</b>													
<b>Supreme</b>	137.50	---	132.78	133.59	127.11	130.00	127.80	124.08	127.12	127.06	---	---	128.86
<b>Premium</b>	95.00	---	---	108.32	117.62	110.80	92.77	115.14	113.98	116.44	110.29	115.00	110.79
<b>Good</b>	95.45	100.00	93.57	104.00	101.72	92.25	84.81	84.87	91.12	96.34	96.43	---	91.60
<b>Fair</b>	88.95	87.50	82.50	---	79.74	77.00	66.56	69.86	84.76	87.50	95.00	---	72.74
<b>2001</b>													
<b>Supreme</b>	---	---	140.35	147.91	153.83	149.53	160.00	---	---	168.70	---	---	150.00
<b>Premium</b>	110.00	120.13	132.50	137.19	142.85	136.94	142.92	141.19	152.80	146.93	---	---	136.05
<b>Good</b>	---	---	95.00	125.62	129.65	123.83	120.72	127.82	123.68	117.54	122.86	---	124.13
<b>Fair</b>	87.22	109.07	103.33	---	92.00	108.56	111.80	116.64	117.17	119.03	108.00	---	111.36
<b>Good/Prem Retail Light</b>	---	---	120.00	---	---	---	127.55	---	---	---	---	---	126.27
<b>Good/Prem Stable Heavy</b>	110.00	---	110.00	---	---	---	---	---	112.50	---	---	---	111.18
<b>2002</b>													
<b>Supreme</b>	---	---	150.00	154.33	148.85	140.54	---	---	---	---	125.00	---	147.39
<b>Premium</b>	---	135.00	---	135.91	142.67	134.98	120.47	113.38	---	116.46	111.12	---	126.94
<b>Good</b>	135.00	128.57	118.00	14.74	116.40	101.64	97.43	92.22	89.99	101.57	88.00	---	105.86
<b>Fair</b>	---	---	118.00	---	---	93.41	84.19	85.91	84.73	82.67	81.43	105.00	85.84
<b>Good/Prem Stable Heavy</b>	---	137.50	---	---	---	95.00	---	---	---	---	---	---	129.00

**ALFALFA HAY PRICES - NET TO GROWERS**  
**Monthly Averages of Weekly Quotations, 2000-2002**  
**dollars per ton**

**IMPERIAL VALLEY**

QUALITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
<b>2000</b>													
<b>Supreme</b>	100.00	106.58	107.81	106.60	103.01	105.00	---	---	---	---	---	102.23	106.53
<b>Premium</b>	91.69	98.04	100.42	99.95	96.82	87.33	---	---	---	100.00	97.18	100.99	96.60
<b>Good</b>	77.21	81.61	---	---	83.59	77.72	74.23	78.65	88.61	98.66	90.26	92.23	82.96
<b>Fair</b>	68.93	74.34	66.00	70.00	---	63.32	61.78	68.97	76.96	80.00	80.31	82.69	68.73
<b>2001</b>													
<b>Supreme</b>	106.53	114.88	121.92	120.99	117.57	---	---	---	---	---	---	---	116.69
<b>Premium</b>	96.93	108.60	118.98	115.86	109.66	108.10	---	---	---	---	125.00	117.82	112.05
<b>Good</b>	88.99	92.52	100.00	103.70	102.26	99.64	100.00	104.29	108.78	112.42	112.39	113.30	103.34
<b>Fair</b>	80.00	83.02	---	---	88.50	88.74	89.48	98.93	102.26	103.64	104.08	102.33	93.33
<b>Premium Retail Light</b>	---	---	---	---	---	---	---	---	---	125.00	130.00	132.29	131.39
<b>Good/Prem Retail Light</b>	115.22	117.85	125.00	124.10	116.97	112.51	107.36	113.76	114.34	115.00	118.02	123.12	115.60
<b>Good Retail Light</b>	108.00	107.50	115.00	114.19	111.71	100.12	100.00	103.72	105.23	106.20	106.58	---	105.57
<b>Good/Prem Stable Heavy</b>	105.39	108.66	111.29	116.14	110.08	103.01	99.77	104.40	108.64	109.95	109.97	116.87	106.50
<b>Good Stable Heavy</b>	93.68	89.57	105.00	105.00	---	93.44	94.13	97.77	103.48	105.00	105.00	---	97.83
<b>2002</b>													
<b>Supreme</b>	122.67	132.29	131.56	125.87	---	---	---	---	---	---	---	---	130.66
<b>Premium</b>	115.88	120.75	126.23	120.77	117.65	108.64	---	---	---	104.38	100.05	98.66	113.16
<b>Good</b>	110.20	106.54	116.81	110.71	108.90	101.10	97.55	---	91.15	90.14	93.77	88.35	102.55
<b>Fair</b>	99.27	106.79	---	---	97.34	91.31	91.06	87.15	83.92	82.31	84.39	83.67	88.79
<b>Good/Prem Retail Light</b>	130.21	130.33	127.29	124.55	124.45	115.72	112.07	110.53	109.96	110.61	111.16	113.47	117.67
<b>Good Retail Light</b>	116.88	120.00	108.67	113.71	111.93	106.71	94.26	100.00	100.00	93.92	96.79	---	104.92
<b>Good/Prem Stable Heavy</b>	123.35	118.98	118.28	122.00	114.15	103.04	98.78	101.34	98.61	100.89	105.72	105.59	105.41
<b>Good Stable Heavy</b>	114.89	110.00	111.81	108.00	109.00	98.13	88.00	90.00	90.00	92.89	89.00	99.71	99.59

**ALFALFA HAY PRICES - NET TO GROWERS**  
**Monthly Averages of Weekly Quotations, 2000-2002**  
**dollars per ton**

**KERN COUNTY AREA**

QUALITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
<b>2000</b>													
<b>Supreme</b>	---	---	123.79	125.27	123.71	126.55	---	115.00	---	123.08	112.84	---	123.68
<b>Premium</b>	101.00	---	117.58	106.65	100.18	101.69	90.00	90.00	103.80	104.44	101.72	---	101.97
<b>Good</b>	91.00	---	102.00	99.38	89.97	88.68	78.52	---	87.01	92.31	92.91	100.00	89.66
<b>Fair</b>	88.15	---	---	---	68.00	65.73	67.48	71.38	75.20	79.66	76.15	80.07	70.64
<b>2001</b>													
<b>Supreme</b>	135.00	---	143.60	142.12	143.00	140.00	140.00	---	---	---	147.50	---	142.77
<b>Premium</b>	---	120.00	134.17	130.13	135.83	131.54	---	136.00	132.66	139.53	142.11	---	132.57
<b>Good</b>	95.00	---	122.50	122.53	119.98	116.41	118.81	122.71	125.00	---	118.00	---	118.26
<b>Fair</b>	91.03	---	---	---	105.00	109.39	106.84	111.95	117.11	115.17	111.59	112.34	109.91
<b>Premium Retail Light</b>	---	---	---	---	---	---	---	---	---	---	150.00	150.00	150.00
<b>Good/Prem Retail Light</b>	118.26	120.00	---	---	140.10	124.02	121.32	122.70	125.59	125.29	142.58	143.95	127.90
<b>Good Retail Light</b>	102.00	110.00	115.00	---	---	109.29	111.67	120.00	121.15	107.50	---	137.00	115.00
<b>Good/Prem Stable Heavy</b>	100.00	---	---	---	133.00	121.15	115.82	117.22	117.50	113.25	127.00	---	116.76
<b>Good Stable Heavy</b>	104.00	---	---	---	---	110.00	---	---	105.00	---	120.00	---	106.34
<b>2002</b>													
<b>Supreme</b>	---	---	---	141.25	138.71	---	---	---	---	---	---	---	140.99
<b>Premium</b>	---	---	---	133.03	119.39	115.00	---	---	110.00	106.55	101.90	---	117.29
<b>Good</b>	---	---	125.00	118.85	110.88	95.04	---	---	---	---	---	---	107.40
<b>Fair</b>	---	95.00	---	110.00	100.13	85.54	83.68	85.38	84.49	82.79	81.00	82.01	85.19
<b>Oat Retail Good</b>	---	105.00	---	---	95.22	102.00	75.00	87.14	---	---	95.00	---	91.72
<b>Good/Prem Retail Light</b>	142.19	145.44	141.08	142.50	121.33	104.39	94.79	97.71	100.13	104.06	109.71	125.91	108.66
<b>Good Retail Light</b>	140.00	133.33	---	126.67	115.00	91.80	96.00	---	90.00	92.20	121.67	116.56	106.37
<b>Good/Prem Stable Heavy</b>	135.00	135.00	130.00	---	116.54	98.64	91.59	93.13	90.19	93.05	107.67	---	97.35
<b>Good Stable Heavy</b>	---	---	---	---	115.00	86.87	84.33	90.00	---	85.70	80.00	---	88.05

**ALFALFA HAY PRICES – NET TO GROWERS**  
**Monthly Averages of Weekly Quotations, 2000-2002**  
**dollars per ton**

**LOS BANOS – DOS PALOS**

QUALITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
<b>2000</b>													
<b>Supreme</b>	124.00	122.78	128.42	132.75	130.49	129.63	128.80	130.46	133.26	132.37	137.97	131.29	130.38
<b>Premium</b>	108.52	102.45	110.10	122.22	120.15	117.25	116.72	113.45	118.09	116.00	112.85	126.82	115.24
<b>Good</b>	91.21	93.33	103.85	90.91	100.00	95.35	97.94	92.77	90.43	98.33	106.48	110.00	95.11
<b>Fair</b>	81.96	85.00	84.74	---	85.00	75.46	69.60	73.37	74.28	82.30	76.43	76.43	74.95
<b>2001</b>													
<b>Supreme</b>	137.75	142.86	140.42	147.87	154.91	154.34	152.99	154.86	161.39	167.38	167.50	175.35	155.91
<b>Premium</b>	134.33	125.94	129.04	138.84	150.13	140.82	142.39	146.26	150.48	155.38	152.44	160.81	144.98
<b>Good</b>	123.64	110.02	110.00	122.55	116.43	126.47	122.66	124.89	135.90	143.28	141.43	149.82	123.35
<b>Fair</b>	95.77	95.00	95.79	113.85	107.14	109.09	110.04	114.26	117.70	127.56	112.02	130.00	109.67
<b>Good/Prem Retail Light</b>	---	125.00	123.24	---	---	---	---	---	128.00	---	140.00	---	124.12
<b>Good/Prem Stable Heavy</b>	---	120.00	117.96	125.00	100.00	120.00	120.00	120.00	125.38	125.83	131.25	---	122.70
<b>2002</b>													
<b>Supreme</b>	164.00	158.41	152.76	153.82	145.72	140.42	135.55	131.21	133.86	139.15	137.08	130.00	141.54
<b>Premium</b>	143.89	152.86	139.65	140.83	134.07	125.36	122.65	115.45	119.42	124.58	125.84	140.00	125.47
<b>Good</b>	128.00	140.00	129.67	129.86	114.17	108.79	98.67	99.26	93.40	104.45	98.21	130.00	108.32
<b>Fair</b>	---	125.83	121.36	111.67	92.46	89.29	82.75	81.54	82.99	83.65	83.00	---	84.25
<b>Oat Retail Good</b>	120.00	---	---	---	---	75.00	---	---	---	---	100.00	101.54	100.00
<b>Good/Prem Retail Light</b>	---	130.00	---	---	---	92.39	---	---	---	---	120.00	---	106.77
<b>Good/Prem Stable Heavy</b>	140.00	140.00	140.00	130.00	---	---	88.49	85.00	91.67	96.67	90.00	---	98.17

**ALFALFA HAY PRICES - NET TO GROWERS**  
**Monthly Averages of Weekly Quotations, 2000-2002**  
**dollars per ton**

**NORTHERN AREAS**

QUALITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
<b>2000</b>													
<b>Supreme</b>	105.00	120.00	109.23	107.33	101.92	112.17	111.63	107.52	109.18	113.51	109.98	---	111.39
<b>Premium</b>	93.46	108.00	97.77	96.82	---	100.95	96.61	99.40	94.22	98.03	97.06	100.00	98.13
<b>Good</b>	80.00	98.33	95.00	---	---	95.00	---	---	87.23	90.00	---	95.00	89.57
<b>Fair</b>	63.18	74.00	75.00	70.00	---	70.00	75.00	74.57	74.12	80.00	69.64	---	72.97
<b>2001</b>													
<b>Supreme</b>	118.82	---	107.00	---	---	130.75	133.98	130.65	135.27	144.86	145.21	140.00	136.53
<b>Premium</b>	107.65	97.74	104.43	---	---	123.75	129.08	123.52	130.59	128.95	131.17	137.00	122.73
<b>Good</b>	90.67	95.00	93.57	---	---	115.00	123.89	113.82	120.99	123.69	111.67	118.18	115.19
<b>Fair</b>	78.33	84.09	81.47	80.83	---	---	100.00	103.26	109.09	99.63	112.50	110.00	97.85
<b>Good/Prem Retail Light</b>	102.72	95.63	103.75	100.00	113.33	110.00	116.67	120.47	114.03	119.90	131.77	123.05	116.84
<b>Good Retail Light</b>	100.00	---	102.00	---	---	125.00	---	100.00	---	110.00	---	---	109.07
<b>Good/Prem Stable Heavy</b>	85.00	---	100.00	100.00	---	---	---	---	---	---	---	---	93.33
<b>2002 - Now named Northern Inter-Mountain Areas</b>													
<b>Supreme</b>	140.00	137.50	---	---	---	117.57	117.91	113.49	115.16	121.19	119.94	---	119.16
<b>Premium</b>	129.05	126.25	126.15	120.00	---	115.14	08.02	106.00	105.26	108.85	104.26	---	112.36
<b>Good</b>	114.50	125.00	115.00	---	---	---	---	92.96	90.03	---	97.00	93.89	98.97
<b>Fair</b>	103.00	105.00	103.33	98.34	---	76.25	81.25	75.40	85.00	77.30	78.07	74.93	87.42
<b>Oat Retail Good</b>	110.00	108.00	95.00	---	---	---	---	80.39	80.00	82.78	90.00	---	86.51
<b>Good/Prem Retail Light</b>	---	120.00	120.86	111.74	---	124.35	120.00	97.06	92.69	98.49	98.33	---	98.61
<b>Good Retail Light</b>	---	---	100.00	97.50	100.00	100.00	90.00	85.00	80.00	92.59	95.00	90.00	92.42
<b>Good/Prem Stable Heavy</b>	140.00	121.43	123.21	---	---	---	---	95.00	---	---	---	---	121.25

**ALFALFA HAY PRICES – DELIVERED BASIS**  
**Monthly Averages of Weekly Quotations, 2000-2002**  
**dollars per ton**

**PETALUMA**

QUALITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
<b>2000</b>													
<b>Supreme</b>	---	148.08	146.59	142.96	144.72	151.60	149.15	149.73	149.57	150.83	153.89	152.62	149.43
<b>Premium</b>	---	112.50	131.23	---	125.00	133.96	132.74	136.97	128.04	131.86	---	147.67	132.30
<b>Good</b>	117.50	---	---	---	105.00	108.85	86.20	111.55	109.05	120.00	---	125.00	98.24
<b>Fair</b>	---	---	113.93	---	85.00	85.26	85.68	89.80	95.11	112.78	105.56	122.50	91.35
<b>2001</b>													
<b>Supreme</b>	156.58	157.00	157.50	159.97	157.19	165.70	173.22	170.52	178.95	180.30	186.67	183.33	170.48
<b>Premium</b>	150.00	143.60	---	144.55	149.88	155.21	150.00	156.91	162.28	166.63	165.75	---	158.97
<b>Good</b>	---	---	140.00	---	141.96	137.11	143.02	138.30	151.55	153.33	161.56	---	144.34
<b>Fair</b>	127.21	133.75	130.00	---	115.84	121.53	120.65	127.56	134.72	136.07	136.20	142.14	125.72
<b>Good/Prem Retail Light</b>	158.00	175.00	156.45	135.00	145.00	---	143.00	136.15	152.78	---	166.00	---	149.82
<b>Good/Prem Stable Heavy</b>	130.00	141.40	146.56	150.00	---	145.00	---	136.91	152.33	---	162.60	157.14	156.15
<b>2002</b>													
<b>Supreme</b>	184.62	185.00	170.22	163.15	154.40	155.77	156.42	149.80	150.61	156.38	159.05	---	157.43
<b>Premium</b>	175.00	160.00	159.11	146.76	135.79	137.00	138.78	136.50	139.18	138.92	136.38	---	140.81
<b>Good</b>	---	---	---	137.35	116.15	105.65	111.14	110.10	116.14	114.89	116.88	115.00	117.48
<b>Fair</b>	145.00	141.76	145.00	125.00	99.05	99.95	90.34	97.01	98.07	99.88	95.00	120.00	98.17
<b>Oat Retail Good</b>	140.00	140.00	---	---	120.00	---	---	---	---	---	126.67	---	127.13
<b>Good/Prem Retail Light</b>	---	171.76	---	---	---	---	107.50	119.90	---	---	143.75	147.50	134.05
<b>Good/Prem Stable Heavy</b>	---	156.20	155.00	145.00	130.00	---	---	113.75	110.00	---	125.60	147.50	133.32

**ALFALFA HAY PRICES - NET TO GROWERS**  
**Monthly Averages of Weekly Quotations, 2000-2002**  
**dollars per ton**

**SACRAMENTO VALLEY**

QUALITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
<b>2000</b>													
Supreme	120.00	---	113.33	118.74	122.50	119.88	120.93	123.80	118.28	123.56	137.67	---	120.57
Premium	104.33	111.07	110.77	105.00	106.46	108.85	102.96	106.71	108.16	106.43	---	135.00	107.06
Good	80.00	102.14	---	84.41	85.00	70.36	85.45	78.79	85.97	---	---	100.00	78.84
Fair	60.00	90.00	85.00	80.00	60.45	64.74	60.70	63.44	75.30	82.78	---	---	64.05
Cubes	100.00	---	100.00	125.00	116.39	120.00	107.78	92.38	110.00	110.00	104.38	100.00	104.16
<b>2001</b>													
Supreme	---	135.00	---	132.96	133.25	140.80	136.14	149.10	154.44	154.11	157.95	---	143.88
Premium	119.00	---	---	118.89	127.12	131.08	135.06	132.08	142.91	144.91	139.38	140.00	136.06
Good	99.48	---	---	110.00	113.09	115.25	119.22	122.13	126.70	132.85	120.00	130.00	119.45
Fair	90.00	110.00	110.00	85.00	87.81	96.28	95.99	103.56	113.60	112.33	116.46	---	100.93
Cubes	---	---	---	135.00	125.00	---	135.56	135.00	130.00	128.73	124.75	---	130.31
Good/Prem Retail Light	120.73	121.10	120.00	123.17	126.90	125.38	117.64	120.38	128.09	136.35	145.30	149.04	126.43
Good Retail Light	112.50	---	120.00	---	106.00	112.20	108.47	100.00	112.14	---	---	---	109.60
Good/Prem Stable Heavy	123.00	110.00	117.83	---	100.00	112.24	102.31	112.86	123.73	120.00	128.43	130.00	118.01
Good Stable Heavy	---	---	100.00	---	100.00	95.50	---	113.13	---	---	115.00	---	103.36
<b>2002</b>													
Supreme	150.00	---	150.00	137.23	136.75	138.19	128.36	126.58	131.01	130.36	124.39	135.00	131.92
Premium	---	---	---	123.87	111.34	114.36	113.78	115.79	116.43	114.47	114.77	105.00	115.72
Good	130.00	---	---	103.33	101.12	54.86	93.07	88.43	90.86	88.40	92.16	---	92.86
Fair	110.00	117.08	116.05	95.57	83.81	78.67	68.89	73.21	72.99	76.45	72.00	---	73.21
Prem Cubes	---	---	140.00	155.00	140.00	140.00	140.00	133.00	135.00	132.78	---	---	135.28
Good Cubes	125.00	124.17	120.00	119.50	110.00	---	130.00	106.75	105.00	108.64	110.00	115.00	110.67
Fair Cubes	125.00	---	110.00	---	---	102.11	104.57	93.75	100.00	---	111.07	113.00	104.19
Oat Retail Good	119.27	---	117.27	108.57	95.08	91.67	81.76	91.00	100.00	100.00	99.13	100.00	97.16
Good/Prem Retail Light	154.64	151.34	149.39	146.87	132.33	117.93	92.88	97.04	97.89	109.54	118.65	119.88	118.13
Good Retail Light	---	---	135.00	133.50	125.00	99.00	79.98	86.63	88.00	---	---	---	89.86
Good/Prem Stable Heavy	131.25	137.50	139.52	129.06	119.00	98.14	85.83	89.71	93.64	95.00	100.00	117.19	114.19
Good Stable Heavy	---	---	---	---	98.75	88.91	---	---	---	85.00	---	---	90.14



<b>ALFALFA HAY PRICES - NET TO GROWERS</b> <b>Monthly Averages of Weekly Quotations, 2000-2002 dollars per ton</b> <b>SOUTH-CENTRAL COASTAL AREAS (Reporting for this area was started in 2000)</b>													
QUALITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
<b>2000</b>													
Supreme	---	---	---	---	---	155.00	---	---	---	---	---	---	155.00
Premium	---	---	---	---	---	124.50	---	---	---	---	---	---	124.50
Fair	---	---	---	---	---	90.00	96.83	90.57	112.41	134.00	---	105.00	96.83
Premium Retail Light	---	---	---	---	158.00	150.47	149.34	150.71	149.49	153.57	172.00	162.87	153.08
Good/Prem Retail Light	---	---	---	---	134.77	123.72	124.42	119.89	123.40	126.68	137.74	146.84	127.01
Good Retail Light	---	---	---	---	---	110.22	109.56	105.00	120.00	115.00	120.74	---	114.67
Premium Stable Heavy	---	---	---	---	160.56	136.92	126.68	133.00	141.36	146.33	152.89	160.68	143.59
Good/Prem Stable Heavy	---	---	---	---	138.00	117.98	119.10	115.43	120.70	124.71	127.41	122.53	120.41
Good Stable Heavy	---	---	---	---	115.00	103.96	105.00	105.21	112.83	110.75	---	---	106.32
<b>2001</b>													
Supreme	---	---	---	165.00	---	---	---	---	---	---	---	---	165.00
Fair	117.13	142.00	---	---	---	---	140.00	140.00	156.93	159.00	143.64	136.00	139.63
Premium Retail Light	167.37	171.52	175.80	176.76	189.00	170.97	175.26	174.79	180.29	182.57	183.07	182.80	176.93
Good/Prem Retail Light	148.17	155.00	150.31	167.28	165.53	130.44	151.35	150.96	161.82	150.19	158.53	167.27	152.10
Good Retail Light	---	---	150.00	---	---	---	---	167.63	160.00	142.50	---	159.29	157.29
Premium Stable Heavy	164.75	168.83	171.53	176.43	177.72	166.69	157.89	161.40	174.57	171.80	179.43	181.88	168.93
Good/Prem Stable Heavy	---	161.00	165.81	165.00	155.45	152.00	147.09	143.00	148.63	137.50	157.31	155.00	148.51
Good Stable Heavy	125.00	149.00	145.00	159.00	---	---	139.00	---	145.00	---	143.31	---	135.93
<b>2002</b>													
Fair	---	---	---	---	---	117.50	117.50	119.00	117.50	124.00	112.53	---	115.78
Forage Mix Good/Prem	183.93	185.00	185.85	185.86	184.20	169.43	155.72	137.80	170.00	168.22	171.54	166.00	170.47
Premium Retail Light	193.56	193.60	195.20	196.56	194.45	176.14	167.45	169.00	164.23	164.92	178.27	163.68	183.07
Good/Prem Retail Light	167.00	168.55	179.40	179.55	155.30	142.10	131.28	133.58	128.36	137.10	161.05	153.98	146.57
Good Retail Light	150.00	150.00	---	161.43	---	---	110.00	122.50	117.68	122.27	135.00	144.38	127.35
Premium Stable Heavy	184.56	178.20	180.00	182.00	181.67	157.84	135.70	164.00	169.00	159.00	159.00	164.00	160.85
Good/Prem Stable Heavy	155.71	163.00	173.25	180.50	174.00	135.49	114.43	125.00	131.08	128.56	142.00	159.00	137.02
Good Stable Heavy	---	---	---	167.00	---	---	---	---	---	---	129.00	135.00	146.84

**ALFALFA HAY PRICES - NET TO GROWERS**  
**Monthly Averages of Weekly Quotations, 2000-2002**  
**dollars per ton**

**TRACY – PATTERSON – STOCKTON**

QUALITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
<b>2000</b>													
Supreme	122.92	120.53	123.93	135.96	126.43	126.92	128.41	128.50	131.33	131.91	136.90	133.57	130.18
Premium	107.50	110.00	122.94	---	115.26	116.34	112.31	108.92	114.34	121.69	---	120.00	117.66
Good	100.00	100.00	89.58	---	---	87.86	83.00	93.04	103.89	104.59	---	92.14	97.31
Fair	---	98.75	---	---	80.00	81.00	72.03	68.42	75.44	82.86	82.14	85.00	74.14
<b>2001</b>													
Supreme	135.00	140.00	141.00	144.18	145.90	151.06	152.00	158.33	161.92	166.09	169.29	180.00	153.70
Premium	127.50	---	140.00	142.11	129.99	145.76	145.00	142.74	148.48	151.15	149.72	150.00	143.30
Good	115.00	110.00	120.00	125.00	117.00	130.69	126.16	126.16	117.00	141.74	---	150.00	128.15
Fair	91.15	105.00	113.00	133.33	93.68	111.12	111.95	115.88	119.01	125.00	115.00	130.00	113.31
Good/Prem Retail Light	---	---	147.24	---	---	127.19	113.89	125.00	---	120.00	---	---	120.74
Good/Prem Stable Heavy	121.67	100.61	120.00	130.00	---	117.01	120.00	120.00	126.74	135.00	135.35	---	117.31
Good Stable Heavy	---	---	---	---	130.00	130.00	120.00	---	120.00	---	---	---	125.93
<b>2002</b>													
Supreme	---	---	153.36	149.50	143.70	138.51	131.78	134.61	135.60	137.97	146.27	---	138.97
Premium	149.00	150.00	151.67	143.50	137.10	133.12	120.33	114.90	117.85	120.37	122.21	130.00	125.07
Good	145.00	145.00	134.88	129.22	103.89	110.42	92.00	98.98	95.00	99.22	90.00	107.22	100.25
Fair	---	125.00	116.75	126.03	90.00	89.55	74.33	79.63	81.13	82.82	91.45	102.00	82.39
Oat Good Retail	120.00	120.00	---	---	100.00	---	---	---	---	---	---	---	110.00
Good/Prem Retail Light	---	135.00	140.00	---	---	110.00	---	---	---	---	110.00	---	127.13
Good/Prem Stable Heavy	140.00	142.50	135.64	140.00	140.00	107.00	102.22	97.30	96.84	100.00	118.57	110.00	109.60
Good Stable Heavy	---	---	---	---	---	94.84	90.00	82.50	---	---	100.00	---	90.47

**ALFALFA HAY PRICES – DELIVERED BASIS**  
**Monthly Averages of Weekly Quotations, 2000-2002**  
**dollars per ton**

**TULARE-VISALIA-HANFORD**

QUALITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
<b>2000</b>													
<b>Supreme</b>	141.25	143.28	147.22	147.14	144.89	148.23	147.29	145.63	145.73	148.04	153.82	148.91	147.25
<b>Premium</b>	133.30	131.66	129.80	129.76	123.00	128.46	123.16	126.03	125.81	128.77	131.19	139.07	128.05
<b>Good</b>	107.89	---	102.50	120.73	112.31	107.21	98.52	101.25	107.25	108.68	117.00	127.59	108.60
<b>Fair</b>	100.20	---	96.38	---	98.12	81.64	82.43	88.63	90.83	97.70	103.45	101.00	87.35
<b>2001</b>													
<b>Supreme</b>	147.90	155.24	159.72	161.75	165.70	166.68	167.76	167.34	174.01	177.33	174.73	182.47	165.59
<b>Premium</b>	134.96	139.95	158.47	152.40	154.9*9	149.20	149.62	158.54	159.77	156.18	158.52	158.92	152.73
<b>Good</b>	---	128.50	133.61	135.60	140.33	138.21	134.86	140.15	142.17	144.36	146.39	158.00	139.17
<b>Fair</b>	111.31	114.39	106.50	112.50	114.64	123.69	127.20	129.68	131.80	133.90	127.50	125.94	127.83
<b>Good/Prem Retail Light</b>	---	---	145.28	---	---	---	131.00	---	---	---	---	157.00	143.01
<b>Good/Prem Stable Heavy</b>	130.00	---	130.00	---	---	---	---	141.00	---	---	---	---	135.50
<b>2002</b>													
<b>Supreme</b>	178.60	174.45	175.46	167.95	161.67	160.24	161.40	154.21	159.83	158.03	160.56	155.59	164.88
<b>Premium</b>	157.98	156.99	157.89	150.59	143.13	134.46	134.91	130.02	126.79	132.26	127.81	135.00	138.60
<b>Good</b>	141.01	150.66	140.45	139.91	130.88	117.93	125.10	108.13	106.06	115.41	113.00	---	122.88
<b>Fair</b>	126.36	122.41	134.80	130.00	106.23	99.75	102.23	99.64	99.88	97.29	96.78	100.31	100.99
<b>Good/Prem Retail light</b>	165.00	163.57	---	165.00	155.00	---	---	---	---	---	---	---	162.54

**HAY PRICES - NET TO GROWERS**  
**Monthly Averages of Weekly Quotations, 2000-2002**  
**dollars per ton**

**WESTERN FRESNO-MADERA COUNTIES**

QUALITY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG
<b>2000</b>													
<b>Supreme</b>	---	---	125.00	129.49	134.36	127.66	121.79	124.68	126.07	125.10	125.00	---	127.21
<b>Premium</b>	122.00	---	103.09	126.50	122.87	103.54	105.00	107.09	100.00	105.30	---	---	109.00
<b>Good</b>	95.00	90.00	---	---	---	80.02	81.80	89.76	90.93	92.22	100.00	---	86.85
<b>Fair</b>	---	---	---	---	--	72.19	71.46	71.28	76.09	76.27	---	---	72.02
<b>2001</b>													
<b>Supreme</b>	---	---	---	145.29	151.32	151.79	152.85	151.16	155.46	166.71	170.00	---	152.33
<b>Premium</b>	115.00	---	---	136.23	142.11	140.26	138.61	141.67	147.98	141.93	141.00	---	139.99
<b>Good</b>	100.00	---	---	---	128.46	119.89	117.32	122.15	132.08	130.00	126.25	---	121.54
<b>Fair</b>	90.00	---	---	---	112.00	108.86	109.33	110.57	113.35	119.29	110.00	---	109.75
<b>Good/Prem Retail light</b>	---	---	---	135.00	135.00	115.71	115.45	120.40	125.00	125.00	---	140.00	124.84
<b>Good/Prem Stable Heavy</b>	---	---	---	---	---	---	113.75	113.13	---	---	---	---	113.36
<b>2002</b>													
<b>Supreme</b>	---	---	177.00	145.71	141.23	139.97	128.71	124.26	128.61	130.63	131.04	---	135.94
<b>Premium</b>	---	---	---	130.80	122.86	119.37	115.61	114.69	102.57	103.65	126.00	---	116.63
<b>Good</b>	---	---	---	120.00	106.35	86.82	92.14	89.56	88.84	90.48	88.31	---	91.81
<b>Fair</b>	---	---	110.00	90.00	92.50	85.08	78.83	80.52	80.36	81.91	---	---	80.71
<b>Good/Prem Retail light</b>	---	---	---	---	---	105.00	95.00	115.00	105.00	---	---	---	107.12
<b>Good/Prem Stable Heavy</b>	---	---	---	---	95.00	100.00	87.54	102.00	95.00	---	100.00	---	95.95

EXPORTS OF FOREIGN AND DOMESTIC MERCHANDISE BY COMMODITY 2002									
ALFALFA HAY (Double Compressed)									
From California Ports					From Oregon-Washington Ports				TOTAL
	Japan	S Tons	Other Countries	S Tons	Japan	S Tons	Other Countries	S Tons	(S TONS)
January	78	86	0	0	2,449	2,700	0	0	2,786
February	846	933	0	0	2,744	3,025	335	369	4,327
March	266	293	0	0	1,076	1,186	0	0	1,479
April	419	462	0	0	2,169	2,391	0	0	2,853
May	636	701	14	15	3,551	3,914	0	0	4,631
June	369	407	0	0	5,208	5,741	0	0	6,148
July	855	942	313	345	3,668	4,043	0	0	5,331
August	1,567	1,727	96	106	4,901	5,402	211	233	7,468
September	2,186	2,410	0	0	3,103	3,420	163	180	6,010
October	1,836	2,024	106	117	4,760	5,247	23	25	7,413
November	1,785	1,968	104	115	9,708	10,701	156	172	12,955
December	972	1,071	267	294	17,106	18,856	382	421	20,643
Cumulative	11,815	13,024	900	992	60,443	66,626	1,270	1,400	82,042
ALFALFA CUBES (Suncured & Dehydrated)									
From California Ports					From Oregon-Washington Ports				TOTAL
	Japan	S Tons	Other Countries	S Tons	Japan	S Tons	Other Countries	S Tons	(S TONS)
January	1,562	1,722	263	290	5,556	6,124	227	250	8,386
February	1,265	1,394	201	222	5,068	5,586	637	702	7,905
March	1,519	1,674	222	245	6,786	7,480	127	140	9,539
April	943	1,039	221	244	6,110	6,735	251	277	8,295
May	550	606	65	72	5,933	6,540	151	166	7,384
June	962	1,060	0	0	5,010	5,523	0	0	6,583
July	4,991	5,502	287	316	1,939	2,137	0	0	7,955
August	3,256	3,589	655	722	3,557	3,921	395	435	8,667
September	1,368	1,508	504	556	2,554	2,815	291	321	5,200
October	476	525	556	613	4,314	4,755	372	410	6,303
November	1,333	1,469	512	564	3,197	3,524	346	381	5,939
December	2,058	2,269	792	873	6,648	7,328	857	945	11,414
Cumulative	20,283	22,358	4,278	4,716	56,672	62,470	3,654	4,028	93,571
OTHER HAY (Double Compressed)									
From California Ports					From Oregon-Washington Ports				TOTAL
	Japan	S Tons	Other Countries	S Tons	Japan	S Tons	Other Countries	S Tons	
January	51,373	56,628	12,990	14,319	79,250	87,357	16,073	17,717	176,022
February	62,082	68,433	18,346	20,223	86,979	95,877	24,705	27,232	211,765
March	26,788	29,528	29,296	32,293	91,491	100,851	36,008	39,692	202,364
April	73,603	81,133	21,870	24,107	82,359	90,784	31,481	34,702	230,726
May	57,332	63,197	31,822	35,077	95,012	104,732	38,397	42,325	245,331
June	53,781	59,283	25,006	27,564	87,265	96,192	28,153	31,033	214,072
July	61,234	67,498	24,246	26,726	64,040	70,591	20,865	22,999	187,815
August	63,096	69,551	31,334	34,539	103,607	114,206	34,826	38,389	256,685
September	92,988	102,501	35,854	39,522	137,193	151,228	36,068	39,758	333,008
October	50,754	55,946	24,735	27,265	111,128	122,496	35,563	39,201	244,909
November	85,358	94,090	26,736	29,471	120,372	132,686	29,327	32,327	288,574
December	92,016	101,429	30,297	33,396	130,462	143,808	24,170	26,643	305,276
Cumulative	770,405	849,217	312,532	344,504	1,189,158	1,310,809	355,636	392,018	2,896,548
Source: United States Dept. of Commerce, Bureau of Census Note: Cumulative totals may not be exact due to rounding									

CALIFORNIA - Inbound Cubes by County and State (Tons)					2002 TOTALS	
COUNTY	AZ-CUBES	NV- CUBES	UT-CUBES	OTHER-CUBES	Cubes	
Alameda	0	311	0	0	Alameda	311
Alpine	0	0	0	0	Alpine	0
Amador	0	0	0	0	Amador	0
Butte	0	0	0	0	Butte	0
Calaveras	0	0	0	0	Calaveras	0
Chino	0	0	165	0	Chino	165
Colusa	0	0	0	0	Colusa	0
Contra Costa	0	122	0	0	Contra Costa	122
Del Norte	0	0	0	0	Del Norte	0
El Dorado	0	0	0	0	El Dorado	0
Fresno	0	24	20	0	Fresno	44
Glenn	0	23	0	0	Glenn	23
Humboldt	0	0	0	0	Humboldt	0
Imperial	0	0	0	0	Imperial	0
Inyo	25	172	24	0	Inyo	221
Kern	0	150	120	24	Kern	294
Kings	0	0	46	0	Kings	46
Lake	0	0	0	0	Lake	0
Lassen	0	40	0	0	Lassen	40
Long Beach	0	67	0	0	Long Beach	67
Los Angeles	0	595	14299	22	Los Angeles	14,916
Madera	0	75	0	0	Madera	75
Marin	0	0	0	0	Marin	0
Mariposa	0	0	0	0	Mariposa	0
Mendocino	0	0	0	0	Mendocino	0
Merced	0	907	0	0	Merced	907
Modoc	0	3	0	0	Modoc	3
Mono	0	0	0	0	Mono	0
Monterey	0	70	0	0	Monterey	70
Napa	0	0	0	0	Napa	0
Nevada	0	22	0	0	Nevada	22
Orange	0	47	560	0	Orange	607
Placer	0	0	0	0	Placer	0
Plumes	0	12	0	0	Plumes	12
Riverside	77	687	1136	9	Riverside	1,909

<b>CALIFORNIA - Inbound Hay and Cubes by County and State (Tons)</b>					<b>2002 TOTALS - continued</b>	
<b>COUNTY</b>	<b>AZ-CUBES</b>	<b>NV- CUBES</b>	<b>UT-CUBES</b>	<b>OTHER-CUBES</b>	<b>Cubes</b>	
Sacramento	22	1562	0	0	Sacramento	1,584
San Benito	0	0	44	0	San Benito	44
San Bernardino	103	252	1183	12	San Bernardino	1,550
San Diego	0	11	0	0	San Diego	11
San Francisco	0	67	0	0	San Francisco	67
San Joaquin	0	390	72	43	San Joaquin	505
San Juan Cap	0	0	0	0	San Juan Cap	0
San Luis Obispo	0	96	0	0	San Luis Obispo	96
San Mateo	0	313	0	0	San Mateo	313
Santa Barbara	0	0	48	0	Santa Barbara	48
Santa Clara	0	135	0	0	Santa Clara	135
Santa Cruz	0	35	0	0	Santa Cruz	35
Shasta	0	0	0	1	Shasta	1
Sierra	0	0	0	0	Sierra	0
Siskiyou	0	0	0	0	Siskiyou	0
Solano	0	71	0	0	Solano	71
Sonoma	0	715	0	0	Sonoma	715
Stanislaus	25	337	0	0	Stanislaus	363
Sutter	0	47	0	0	Sutter	47
Tehama	0	0	0	0	Tehama	0
Trinity	0	0	0	0	Trinity	0
Tulare	0	128	1429	0	Tulare	1,557
Tuolumne	0	0	0	0	Tuolumne	0
Ventura	0	0	45	0	Ventura	45
Yolo	0	86	0	0	Yolo	86
Yuba	0	0	0	0	Yuba	0
Export	0	11304	96505	69	Export	107,878
	<b>253</b>	<b>18,879</b>	<b>115,695</b>	<b>180</b>	<b><u>Totals</u></b>	<b>135,006</b>

2002 TOTALS Destination	CALIFORNIA - Inbound Hay and Cubes by County and State						Destination Counties Bales	
	AZ- BALES	NV- BALES	UT- BALES	OR- BALES	ID- BALES	OTHER -BALES		
Alameda	-	248	-	26	-	-	Alameda	274
Amador	-	26	-	-	-	-	Amador	26
Bakersfield	-	-	74	-	-	-	Bakersfield	74
Butte	24	430	-	1,111	-	-	Butte	1,565
Calaveras	-	26	-	100	-	-	Calaveras	126
Chino	105	-	657	-	-	-	Chino	762
Colusa	-	78	-	296	-	-	Colusa	374
Contra Costa	-	47	-	-	-	-	Contra Costa	47
Del Norte	-	-	-	992	-	-	Del Norte	992
El Dorado	-	357	-	-	50	-	El Dorado	407
Fresno	48	2,799	4,398	22	50	-	Fresno	7,317
Glenn	-	422	-	5,570	51	-	Glenn	6,043
Hanford	26	-	220	-	-	-	Hanford	246
Humboldt	-	-	-	8,064	-	-	Humboldt	8,064
Imperial	24,497	73	-	-	-	-	Imperial	24,571
Inyo	-	1,348	45	-	-	-	Inyo	1,393
Kern	4,002	10,923	1,554	-	-	978	Kern	17,457
Kings	751	4,408	4,415	112	150	-	Kings	9,836
Lassen	-	1,357	-	-	-	-	Lassen	1,357
Los Angeles	177	2,196	6,057	54	-	-	Los Angeles	8,484
Madera	-	286	-	-	23	-	Madera	309
Marin	-	1,625	-	912	25	-	Marin	2,562
Maricopa	-	12	-	-	-	-	Maricopa	12
Mendocino	-	145	-	-	-	-	Mendocino	145
Merced	104	42,259	607	194	5,723	126	Merced	49,013
Modesto	-	260	75	-	50	28	Modesto	413
Modoc	-	-	-	24	-	-	Modoc	24
Mono	-	209	-	-	-	-	Mono	209
Monterey	283	1,278	53	-	47	-	Monterey	1,661
Napa	-	-	-	64	-	-	Napa	64
Nevada	-	414	50	158	-	-	Nevada	622
Orange	26	240	472	-	-	-	Orange	738
Placer	25	4,192	-	527	-	-	Placer	4,744
Plumes	-	926	-	-	-	-	Plumes	926
Riverside	17,675	5,239	17,970	-	28	123	Riverside	41,036
Sacramento	-	4,634	23	103	74	-	Sacramento	4,833



2002 TOTALS Destination	CALIFORNIA - Inbound Hay and Cubes by County and State						Destination Counties Bales	
	AZ- BALES	NV- BALES	UT- BALES	OR- BALES	ID- BALES	OTHER -BALES		
San Benito	143	-	-	-	23	-	San Benito	166
San Bernardino	128,422	14,396	22,213	25	-	71	San Bernardino	165,126
San Diego	550	532	426	-	-	-	San Diego	1,508
San Francisco	-	100	151	-	-	-	San Francisco	251
San Jacinto	26	-	199	-	-	-	San Jacinto	225
San Joaquin	41	26,051	353	2,150	814	-	San Joaquin	29,409
San Luis Obispo	239	50	-	-	23	-	San Luis Obispo	312
San Mateo	52	231	-	52	23	-	San Mateo	358
Santa Barbara	-	72	25	-	38	-	Santa Barbara	135
Santa Clara	21	308	50	109	52	-	Santa Clara	540
Shasta	-	362	-	2,280	-	-	Shasta	2,642
Sierra	-	347	-	-	-	-	Sierra	347
Siskiyou	-	-	-	2,733	-	-	Siskiyou	2,733
Solano	-	12,222	157	2,686	-	-	Solano	15,066
Sonoma	-	9,661	50	9,707	550	125	Sonoma	20,094
Stanislaus	115	61,987	3,267	3,318	723	-	Stanislaus	69,409
Sutter	-	138	-	26	-	-	Sutter	163
Tehama	-	463	-	1,678	-	17	Tehama	2,157
Tipton	-	24	28	-	-	-	Tipton	52
Tulare	12,926	47,026	67,046	293	586	14	Tulare	127,891
Turlock	-	183	-	-	-	-	Turlock	183
Ventura	-	355	518	-	-	-	Ventura	873
Visalia	24	-	267	-	-	-	Visalia	291
Yolo	-	255	-	595	-	-	Yolo	850
Yuba	-	549	-	521	-	-	Yuba	1,069
Export	-	167	17,361	-	-	-	Export	17,528
	190,302	261,937	148,779	44,500	9,104	1,481	<b>Totals</b>	<b>656,105</b>